

# Work Order ID 106516

\*106516\*

Page 1

September-05-13 10:39:37 AM

Item ID: D4002-5 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Hose Assembly  
 Start Date: 9/05/13 Start Qty: 6.00 \*6\* Cust Item ID:  
 Required Date: 9/12/13 Req'd Qty: 6.00 \*6\* Customer:  
 Reference:

Approvals: Process Plan: CL Date: 13/09/06 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4002	D

100		0.00							
*100*									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>21230</u>								
	Purchase part as per Dwg D4002								
	Part #: 156003-6D-0102								
	Possible Supplier: Aviall / API								
	Material release note required								

110	Receive & Inspect for Damage & Mat'l Certs	0.00							
*110*									
Packaging	Memo	0.00							
Packaging									

CL 13/09/06 (6)

13/9/10 (6)

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Page 2

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 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing  Memo	0.00 0.00 DAS 27 13911				6			
125 *125* Small Fab Small Fab	Memo INSTALL DART LOGO AND HEAT SHRINK AS PER DWG	0.00 0.00				6x			EB 9/12
127 *127* QC Quality Control	QC5- Inspect part completeness to step on W/O  Memo	0.00 0.00 DAS 27 13912				6			

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September-05-13 10:39:37 AM

Item ID: D4002-5 Accept \*N900040100\* Setup Start \*NS1\*  
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 Item Name: Hose Assembly  
 Start Date: 9/05/13 Start Qty: 6.00 \*6\* Cust Item ID:  
 Required Date: 9/12/13 Req'd Qty: 6.00 \*6\* Customer:  
 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>ST 194</i>	0.00							
*130*									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
*140*									
QC	Memo	0.00							
Quality Control									

*13/9/16*

# Picklist Print

September-05-13 10:39:36 AM

Page 1

Work Order ID: 106516  
Parent Item: D4002-5  
Parent Item Name: Hose Assembly

Start Date: 9/05/13  
Start Qty: 6.00

Required Date: 9/12/13  
Required Qty: 6.00

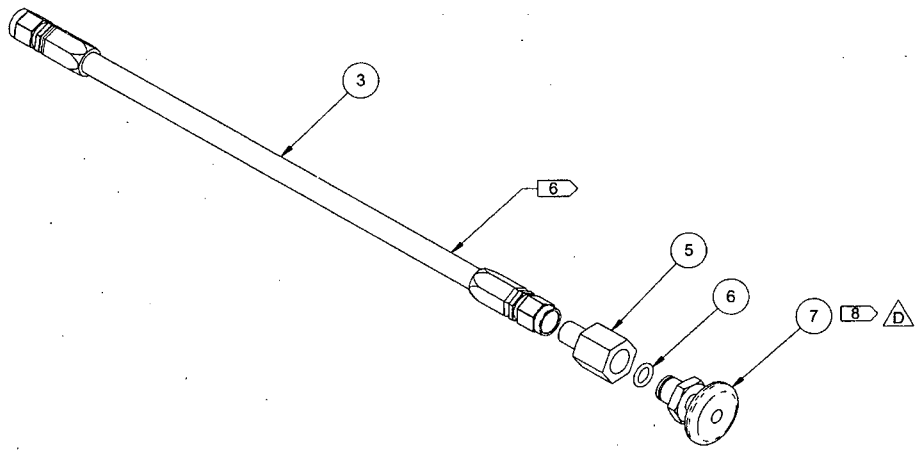
Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP rev B 10.05.13 ecn10-562  
EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156003-6D0102 Hose Assembly		Purchased	No			110	Each	0.0000	1	6		10/05/16	
D2729-1 PART ID LABEL (RE-ISSUE)		Manufactured	No			130	Each	0.0000	0	0		09/13/12	
D2182-045 Heat Shrink 4.5" Long		Manufactured	No			130	Each	0.0000	1	1		09/13/12	

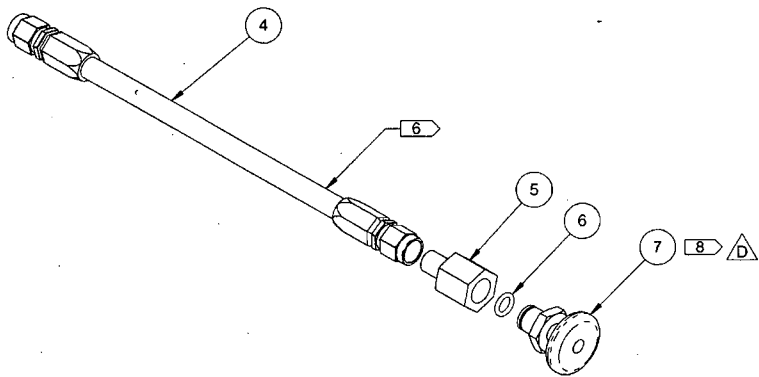
326009 (62)

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	

C213109106  
w/10' 106 516



**D4002-041 DRAIN HOSE - FRONT**



**D4002-043 DRAIN HOSE - REAR**

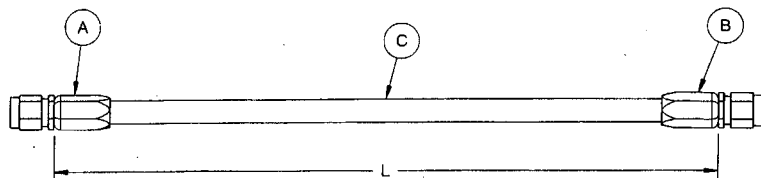
**RELEASED**  
2011-11-16  
JW

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
  - 7) WEIGHT: D4002-041 - 0.21 lbs  
D4002-043 - 0.20 lbs
  - 8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

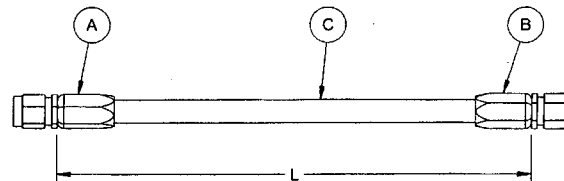
D	ADDED NOTE 8	DC	11.10.06
C	ADDED 8.00" TO D4002-1/3 HOSES; AFFECTED WEIGHT	MB	11.09.14
B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	HS	10.11.03
A	NEW ISSUE	HS	10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN	BC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	BC		
CHECKED	BC	DRAWING NO.	REV. D
MFG. APPR.	BC	D4002	SHEET 1 OF 2
APPROVED	BC	TITLE	SCALE
DE APPR.	BC	HOSE ASSEMBLY	NTS
DATE	11.10.06	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

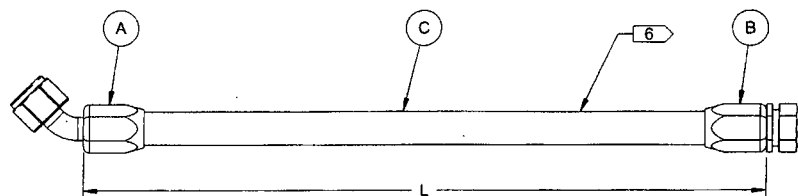
## SPECIFICATION CONTROL DRAWING



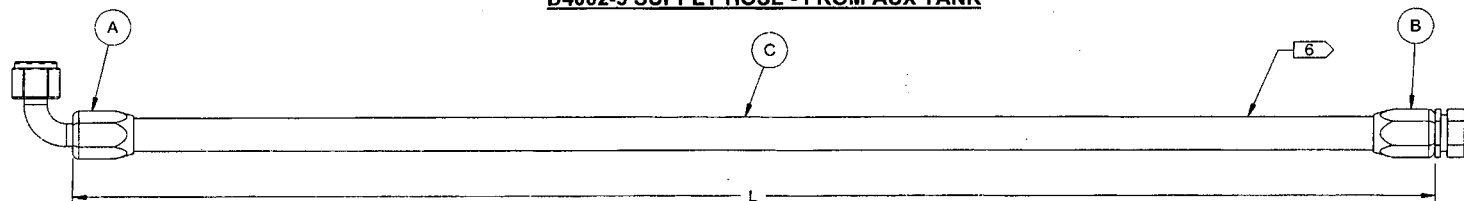
**D4002-1 HOSE ASSEMBLY**



**D4002-3 HOSE ASSEMBLY**



**D4002-5 SUPPLY HOSE - FROM AUX TANK**



**D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0185	AVIALL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIALL/API	14.76	676-3S	676-3S	156-3	0.15 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

### NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

**RELEASED**  
2011-11-16

DESIGN	<i>BC</i>	<b>DART AEROSPACE LTD</b>	
DRAWN	<i>BC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>BC</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>BC</i>	<b>D4002</b>	SHEET 2 OF 2
APPROVED	<i>BC</i>	TITLE	SCALE
DE APPR.	<i>BC</i>	<b>HOSE ASSEMBLY</b>	NTS
DATE	11.10.06	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	



## PROFORMA INVOICE



SHIPMENT NBR:

80664

PAGE: 1  
DATE: 09/09/13  
TIME: 15:35  
EMP#: 25481

CUSTOMER P.O.: PO21230

ORDER NUMBER: 0013907417-

80664

ORDER DATE: 09/06/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG  
CURRENCY: USDB 032028  
I  
L DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS  
H DART AEROSPACE LTD  
P 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS 41270  
H AVIALl DALLAS HOSE SHOP  
P AVIALl  
F HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT TX 75261-9048  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
------	-----	---------------------	-------------------	------------------	------------	-----	------------	---------------------

PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT  
NUMBER 1517-9324-0, AWB# MUST REFERENCE  
THE PURCHASE ORDER NUMBER, SHIP TO THE  
ATTN OF CHANTAL 613-632-9577

7	1S	156003-6D0102 HOSE: MED PRESSURE, RUBBER REIN ST, REF: Schedule B: 4009.22.0050	6	6		0 EA	133.36	800.16
		LOT 51255621 EA Country of Origin: U.S.A.		6				

\*\*\* These commodities, technologies, or software were exported from the United  
\*\*\* States in accordance with the Export Administration Regulations. Diversion  
\*\*\* contrary to U.S Law is prohibited.\*\*\*  
\*\*\*  
\*\*\*

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

AV18 R5-06

JR Hofmann, Director, Quality Assurance &amp; Training

09/09/13

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED  
MERCHANDISE SUBJECT TO HANDLING FEE.THIS IS TO CERTIFY THAT AVIALl HAS COMPLIED WITH THE PROVISIONS  
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL



# PROFORMA INVOICE



SHIPMENT NBR:

80664

PAGE: 2  
DATE: 09/09/13  
TIME: 15:35  
EMP#: 25481

CUSTOMER P.O.: PO21230

ORDER NUMBER: 0013907417-

80664

ORDER DATE: 09/06/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG  
CURRENCY: USDB 032028  
I  
L DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS  
H  
I DART AEROSPACE LTD  
P 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS 41270  
H  
I AVIALL DALLAS HOSE SHOP  
P AVIALL  
F HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT TX 75261-9048  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
------	-----	---------------------	-------------------	------------------	------------	-----	------------	---------------------

PARTS TOTAL	800.16
TAXES	0.00
FREIGHT	0.00
FUEL SURCHARGE	0.00
TOTAL	800.16

Currency: United States Dollar

## CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

AV18 R5-06

JR Hofmann, Director, Quality Assurance &amp; Training

09/09/13

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL





Hose Shop 2755 Regent Blvd. DFW Airport 75261  
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

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## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Customer Order Number: 13907417

1. 156003-6D0102 6EA.

Signed: 

Date: 9-9-13

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001